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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Complete If Known

Application Number	10/530,980
Filing Date	October 26, 2005
First Named Inventor	Martin Alan Lee
Art Unit	1637
Examiner Name	Baughman, Molly

(Use as many sheets as necessary)

Sheet	1	of	4	Attorney Docket No: 41577/314737
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US PATENT DOCUMENTS

Examiner Initial *	Cite No	Document Number Number-Kind Code	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-4,469,863	09-04-1984	Ts'o, et al.	
		US-4,868,103	09-19-1989	Stavrianopoulos, et al.	
		US-5,200,313	04-06-1993	Carrico	
		US-5,567,583	10-22-1996	Wang, et al.	
		US-5,658,548	08-19-1997	Vikas, et al.	
		US-6,106,777	08-22-2000	Fujita, et al.	
		US-6,403,311	06-11-2002	Chan	
		US-6,883,257	12-24-2004	Lee, et al.	
		US-7,354,706	04-08-2008	Rowlen, et al.	
		US-7,364,858	04-29-2008	Barany, et al.	
		US-2002/0106682	08-08-2002	Lee	
		US-2002/0119455	08-29-2002	Chan	
		US-2005/0112647	05-26-2005	Lee, et al.	
		US-2006/0127906	06-05-2006	Lee, et al.	
		US-2006/0286570	12-21-2006	Rowlen, et al.	
		US-2007/0009954	01-11-2007	Wang, et al.	

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		US-2007/0031829	02-08-2007	Yasuno, et al.	
		US-2007/0042419	02-22-2007	Barany, et al.	
		US-2007/0042400	02-22-2007	Choi, et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No	Foreign Patent Document Country Code Number Kind Code	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		EP 0 512 334 A	11-11-1992	Hoffmann LaRoche		
		EP 0 063 879	11-03-1982	Yale University		
		EP 0 566 751	10-27-1993	Hoffmann LaRoche		
		EP 0 745 690 A2	12-04-1996	The Public Health Institute of the City of New York		
		WO 88/02004	03-24-1988	Applied Biosystems		
		WO 95 08642 A2	03-30-1995	Zeneca Limited		
		WO 97/12030 A	04-03-1997	Nanogen, Inc.		
		WO97/46714	12-11-1997	University of Utah Research Fdn.	Family member of JP 2000-509608	
		WO 98/02449	01-22-1998	Oncor, Inc.		
		WO 99/66071	12-23-1999	Gibson		
		WO 01/11078	02-15-2001	The Secretary of State for Defence		
		JP 2000-509608	08-2000	University of Utah Research Fdn.	Family member of WO 97/46714	
		GB 2333359	07-21-1999	The Secretary of State for Defence		
		GB 2333596	07-28-1999	The Secretary of State for Defence		
		GB 2338301	12-15-1999	Zeneca Ltd.		
		GB 2334904	09-08-1999	The Secretary of State for Defence		
		UK9725197.9	11-29-1997	The Secretary of State for Defence		

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OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examin er Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Agrawal, et al., 'Efficient methods for attaching non-radioactive labels to the 5' ends of synthetic oligodeoxyribonucleotides,' <i>Nucleic Acids Research</i> , 14:6227 (1986)	
		Alberts, et al., <i>Molecular Biology of the Cell</i> , Second Edition (1989), pages 165-166	
		Bassam, et al., 'Nucleic Acid Sequence Detection Systems: Revolutionary Automation for Monitoring and Reporting PCR Products,' <i>Australasian Biotechnology</i> , 6:5:265 (1996)	
		Becker, et al., 'A Quantitative Method of Determining Initial Amounts of DNA by Polymerase Chain Reaction Cycle Titration Using Digital Imaging and a Novel DNA Stain,' <i>Analytical Biochemistry</i> , 237:204-207 (1996)	
		Bergstrom, et al., 'C-5 Substituted Pyrimidine Nucleosides. 2. synthesis via Olefin Coupling to Organopalladium Intermediates Derived from Uracil and 2'-Deoxyuridine,' <i>Amer. Chem. Soc.</i> , 10:8:108 (1978)	
		Betz, Promega document, 'Single-cell RT-PCR using RNasin® Ribonuclease Inhibitor,' pages 1-4 (03/15/2006)	
		Bigge, et al., 'Palladium-Catalyzed Coupling Reactions of Uracil Nucleosides and Nucleotides,' <i>J. Amer. Chem. Soc.</i> , 102:2033 (1980)	
		Cardullo, et al., 'Detection of nucleic acid hybridization by nonradiative fluorescence resonance energy transfer,' <i>Proc. Natl. Acad. Sci. USA</i> , 85:8790-8794 (1988)	
		Germini, et al., 'Quantitative polymerase chain reaction-based homogeneous assay with fluorogenic probes to measure c-erbB-2 oncogene amplification,' <i>Clinical Chemistry</i> , 43(5):752-758 (1997)	
		Idziorek, et al., 'YO-PRO-1 permits cytofluorometric analysis of programmed cell death (apoptosis) without interfering with cell viability,' <i>Journal of Immunological Methods</i> , 165:249-258 (1995)	
		Kiebe, et al., 'RT-PCR without RNA isolation,' <i>Biotechniques</i> , 21(6):1094-100 (1996) Abstract Only	
		Morrison, et al., 'Solution-Phase Detection of Polynucleotides Using Interacting Fluorescent Labels and Competitive Hybridization,' <i>Analytical Biochemistry</i> , 183:231-244 (1989)	
		Morrison, et al., 'Chemiluminescent and Fluorescent Probes for DNA Hybridization Systems,' <i>Rapid Detection and Identification of Infectious Agents</i> , 245-256 (1985), Edited by David T. Kingsbury and Stanley Falkow, Academic Press, Inc.	
		Morrison, et al., 'Nonisotopic DNA Probe Techniques, Chapter 13:311-315 (1992), Edited by Larry J. Kricka, Academic Press, Inc.	
		Ruth, et al., 'C-5 Substituted Pyrimidine Nucleosides. 1. Synthesis of C-5 Allyl, Propyl, and Propenyl Uracil and Cytosine Nucleosides via Organopalladium Intermediates,' <i>J. Org. Chem.</i> , 43:2870 (1978)	
		Strahan & Read, <i>Human Molecular Genetics</i> , 2, pages 104-105 (1999)	
		Thelwell, et al., 'Mode of action and application of Scorpion primers to mutation detection,' <i>Nucleic Acids Research</i> , 28(19):3752-3761 (2000)	
		Vaughan, et al., 'Human Antibodies with Sub-nanomolar Affinities Isolated from a Large Non-immunized Phage Display Library,' <i>Nature Biotechnology</i> , 14:309 (1996)	
		Wallace, et al., 'Hybridization of synthetic oligodeoxyribonucleotides to Φ x 174 DNA: the effect of single base pair mismatch,' <i>Nucleic Acids Research</i> , 6(11):3543-3557 (1978)	
		Wernges, et al., 'Mismatches in DNA double strands: thermodynamic parameters and their correlations to repair efficiencies,' <i>Nucleic Acids Research</i> , 14(9):3773-3790 (1986)	
		Wilson, et al., 'Snapback SSCP Analysis: Engineered Conformation Changes for the Rapid Typing of Known Mutations,' <i>Human Mutation</i> , Wiley-Liss, New York, NY, 11:252-258 (1998)	
		Wittwer, et al., 'BioFeatures: Continuous Fluorescence Monitoring of Rapid Cycle DNA Amplification,' <i>Biotechniques</i> , 22(1):130-138 (1997)	
		Zhang, et al., 'Reconstruction of DNA sequencing by hybridization,' <i>Bioinformatics</i> , 19(1):14-21 (2003)	
		Catalogue entry from Invitrogen, Molecular Probes - Catalog of Cell Biology Products - Plasma Membrane Integrity, pages 1-7 (06/12/2005)	

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OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS					
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		Front page from a Promega Technical bulletin, 'DNA Purification System,' (2005)			
		Applied Biosystems: Catalog, Applied Biosystems Product Information Page, Power SYBR® Green PCR Master Mix, pages 1-2 (11/22/2005)			
		Applied Biosystems: Catalog, Applied Biosystems Ordering Information Page, Power SYBR® Green PCR Master Mix, page 1 (11/22/2005)			
		Molecular Probes, Section 8.4 'Nucleic Acid Detection and Quantitation in Electrophoretic Gels and Capillaries,' pages 1-15 (11/22/2005)			
		Observation for Supplying Prior Publications dated October 19, 2004			
		Office Action dated 10/03/2006 in related Application No. 10/478788			
		Response dated 12/01/2006 in related Application No. 10/478788			
		Office Action dated 04/04/2007 in related Application No. 10/478788			
		Response dated 08/08/2007 in related Application No. 10/478788			
		Office Action dated 10/02/2007 in related Application No. 10/478788			
		Response dated 12/03/2007 in related Application No. 10/478788			
		Office Action dated 12/26/2007 in related Application No. 10/478788			
		Interview Summary dated 03/14/2008 in related Application No. 10/478788			
		Response dated 04/07/2008 in related Application No. 10/478788			
		Office Action dated 04/29/2008 in related Application No. 10/478788			
		Response dated 07/29/2008 in related Application No. 10/478788			
		Office Action dated 10/29/2008 in related Application No. 10/478788			

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